

## Refine Search

### Search Results -

Terms	Documents
L1.clm. and interrupt\$3.clm.	2

Database:

US Pre-Grant Publication Full-Text Database  
 US Patents Full-Text Database  
 US OCR Full-Text Database  
 EPO Abstracts Database  
 JPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

Search:

L3





### Search History

DATE: Monday, June 12, 2006    [Printable Copy](#)    [Create Case](#)

#### Set Name Query

side by side

DB=PGPB; PLUR=YES; OP=OR

L3    l1.clm. and interrupt\$3.clm.L2    L1 and interrupt\$3L1    event near5 (data adj1 structure) near5 (Id or identifi\$4)

#### Hit Count Set Name

result set

2    L357    L2127    L1

END OF SEARCH HISTORY

Refine Search

Search Results -

Terms	Documents
L1 and (writ\$3 same generat\$3 same interrupt\$3)	5

Database:

US Pre-Grant Publication Full-Text Database  
US Patents Full-Text Database  
US OCR Full-Text Database

EPO Abstracts Database  
JPO Abstracts Database  
Derwent World Patents Index  
IBM Technical Disclosure Bulletins

Search:

L4

Refine Search

Recall Text

Clear

Interrupt

Search History

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<u>Set Name Query</u> side by side		<u>Hit Count Set Name</u> result set	
<i>DB=PGPB,USPT,USOC; PLUR=YES; OP=OR</i>			
<u>L4</u>	L1 and (writ\$3 same generat\$3 same interrupt\$3)	5	<u>L4</u>
<u>L3</u>	L1 and (generat\$3 near5 interrupt\$3)	31	<u>L3</u>
<u>L2</u>	L1 and interrupt\$3	78	<u>L2</u>
<u>L1</u>	event near5 (data adj1 structure) near5 (Id or identifi\$4)	182	<u>L1</u>

END OF SEARCH HISTORY

## Refine Search

### Search Results -

Terms	Documents
L1 and (writ\$3 same generat\$3 same interrupt\$3)	5

Database:

US Pre-Grant Publication Full-Text Database  
 US Patents Full-Text Database  
 US OCR Full-Text Database  
 EPO Abstracts Database  
 JPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

Search:

L1 and (writ\$3 same generat\$3 same interrupt\$3)





### Search History

DATE: Monday, June 12, 2006    [Printable Copy](#)    [Create Case](#)

#### Set Name Query

side by side

DB=PGPB,USPT,USOC; PLUR=YES; OP=OR

#### Hit Count Set Name

result set

<u>L4</u>	L1 and (writ\$3 same generat\$3 same interrupt\$3)	5	<u>L4</u>
<u>L3</u>	L1 and (generat\$3 near5 interrupt\$3)	31	<u>L3</u>
<u>L2</u>	L1 and interrupt\$3	78	<u>L2</u>
<u>L1</u>	event near5 (data adj1 structure) near5 (Id or identifi\$4)	182	<u>L1</u>

END OF SEARCH HISTORY

Refine Search

Search Results -

Terms	Documents
L1 and (writ\$3 same generat\$3 same interrupt\$3)	0

Database:

US Pre-Grant Publication Full-Text Database

US Patents Full-Text Database

US OCR Full-Text Database

EPO Abstracts Database

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Search:

L5

Refine Search

Recall Text

Clear

Interrupt

Search History

DATE: Monday, June 12, 2006    [Printable Copy](#)    [Create Case](#)

<u>Set Name</u> <u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
side by side		result set
<i>DB=EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>		
<u>L5</u> L1 and (writ\$3 same generat\$3 same interrupt\$3)	0	<u>L5</u>
<i>DB=PGPB,USPT,USOC; PLUR=YES; OP=OR</i>		
<u>L4</u> L1 and (writ\$3 same generat\$3 same interrupt\$3)	5	<u>L4</u>
<u>L3</u> L1 and (generat\$3 near5 interrupt\$3)	31	<u>L3</u>
<u>L2</u> L1 and interrupt\$3	78	<u>L2</u>
<u>L1</u> event near5 (data adj1 structure) near5 (Id or identifi\$4)	182	<u>L1</u>

END OF SEARCH HISTORY

## Refine Search

### Search Results -

Terms	Documents
(709/253  710/260  710/261  710/262  710/263  710/264  710/265  710/266  710/267  710/268  710/269  710/48  710/50  710/73  712/25  719/318).ccls.	3480

Database:

US Pre-Grant Publication Full-Text Database  
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 EPO Abstracts Database  
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 IBM Technical Disclosure Bulletins

Search:

L6





### Search History

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#### Set Name Query

side by side

#### Hit Count Set Name

result set

*DB=PGPB,USPT,USOC; PLUR=YES; OP=OR*
L6    710/260-269,48,50,73;719/318;709/253;712/25.ccls.

3480

L6
*DB=EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR*
L5    L1 and (writ\$3 same generat\$3 same interrupt\$3)

0

L5
*DB=PGPB,USPT,USOC; PLUR=YES; OP=OR*
L4    L1 and (writ\$3 same generat\$3 same interrupt\$3)

5

L4
L3    L1 and (generat\$3 near5 interrupt\$3)

31

L3
L2    L1 and interrupt\$3

78

L2
L1    event near5 (data adj1 structure) near5 (Id or identifi\$4)

182

L1

END OF SEARCH HISTORY

## Refine Search

### Search Results -

Terms	Documents
L4 or L7	9

Database:

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Search:

L8





### Search History

DATE: Monday, June 12, 2006    [Printable Copy](#)    [Create Case](#)

#### Set Name Query

side by side

*DB=PGPB,USPT,USOC; PLUR=YES; OP=OR*

L8    14 or L7

L7    13 and L6

L6    710/260-269,48,50,73;719/318;709/253;712/25.ccls.

*DB=EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR*

L5    L1 and (writ\$3 same generat\$3 same interrupt\$3)

*DB=PGPB,USPT,USOC; PLUR=YES; OP=OR*

L4    L1 and (writ\$3 same generat\$3 same interrupt\$3)

L3    L1 and (generat\$3 near5 interrupt\$3)

L2    L1 and interrupt\$3

L1    event near5 (data adj1 structure) near5 (Id or identifi\$4)

#### Hit Count Set Name

result set

9    L8

6    L7

3480    L6

0    L5

5    L4

31    L3

78    L2

182    L1

END OF SEARCH HISTORY

Freeform Search

Database:

US Pre-Grant Publication Full-Text Database

US Patents Full-Text Database

US OCR Full-Text Database

EPO Abstracts Database

JPO Abstracts Database

Derwent World Patents Index

IBM Technical Disclosure Bulletins

Term:

14 or L7

Display:

10

Documents in Display Format:

-

Starting with Number

1

Generate:

☐ Hit List

☒ Hit Count

☐ Side by Side

☐ Image

Search

Clear

Interrupt

Search History

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<u>Set Name</u> <u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
side by side		result set
DB=PGPB,USPT,USOC; PLUR=YES; OP=OR		
<u>L8</u> 14 or L7	9	<u>L8</u>
<u>L7</u> 13 and L6	6	<u>L7</u>
<u>L6</u> 710/260-269,48,50,73;719/318;709/253;712/25.ccls.	3480	<u>L6</u>
DB=EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR		
<u>L5</u> L1 and (writ\$3 same generat\$3 same interrupt\$3)	0	<u>L5</u>
DB=PGPB,USPT,USOC; PLUR=YES; OP=OR		
<u>L4</u> L1 and (writ\$3 same generat\$3 same interrupt\$3)	5	<u>L4</u>
<u>L3</u> L1 and (generat\$3 near5 interrupt\$3)	31	<u>L3</u>
<u>L2</u> L1 and interrupt\$3	78	<u>L2</u>
<u>L1</u> event near5 (data adj1 structure) near5 (Id or identifi\$4)	182	<u>L1</u>

END OF SEARCH HISTORY





**EAST - [Untitled1:1]** File View Edit Tools Window Help

☐ Drafts  
☐ Pending  
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     L1: (251) event same (c  
     L2: (13) 11 and (genera  
☐ Failed  
☐ Saved  
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☐ UDC  
☐ Queue  
☐ Trash

Search List Browse Queue Clear  
 DBs USPAT ☒ Plurals  
 Default operator: OR ☒ Highlight all hit terms initially  
 11 and (generat\$3 near5 interrupt)

☐ BRS form ☐ IS&R form ☐ Image ☐ Text ☐ HTML

	U	I	Document ID	Issue Dat	Pages	Title	Current OR	Current X
1	<input type="checkbox"/>	<input type="checkbox"/>	US 6859928 B2	20050222	17	Shared virtual desktop collaborative applicati	718/102	709/203; 715/751;
2	<input type="checkbox"/>	<input type="checkbox"/>	US 6471087 B1	20021029	47	Remote patient monitoring svstem with	221/2	600/300
3	<input type="checkbox"/>	<input type="checkbox"/>	US 6304797 B1	20011016	41	Automated medication dispenser with remote p	700/243	700/236; 700/237;
4	<input type="checkbox"/>	<input type="checkbox"/>	US 6204847 B1	20010320	16	Shared virtual desktop collaborative applicati	715/804	715/803
5	<input type="checkbox"/>	<input type="checkbox"/>	US 6011212 A	20000104	28	Real-time music creation	84/667	84/610; 84/611;
6	<input type="checkbox"/>	<input type="checkbox"/>	US 5957985 A	19990928	16	Fault-resilient automobile control svst	701/33	701/29; 701/32;
7	<input type="checkbox"/>	<input type="checkbox"/>	US 5872909 A	19990216	32	Logic analyzer for software	714/38	714/47
8	<input type="checkbox"/>	<input type="checkbox"/>	US 5790664 A	19980804	22	Automated system for management of licensed	709/203	
9	<input type="checkbox"/>	<input type="checkbox"/>	US 5781769 A	19980714	13	Method and apparatus for using a content add	713/502	718/102
10	<input type="checkbox"/>	<input type="checkbox"/>	US 5763804 A	19980609	25	Real-time music creation	84/635	84/609; 84/611;
11	<input type="checkbox"/>	<input type="checkbox"/>	US 5627335	19970506	25	Real-time music	84/635	84/611

Start ☐ ☐ ☐ ☐ EAST - [...]

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## Search Results

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Results for "( (data structure) and event and identifier&lt;in&gt;metadata ) and interrupt"

Your search matched 2 of 1351636 documents.

A maximum of 100 results are displayed, 25 to a page, sorted by Relevance in Descending order.

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( (data structure) and event and identifier&lt;in&gt;metadata ) and interrupt

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 Display Format:
 ☒ Citation
 ☐ Citation & Abstract

view selected items

[Select All](#)
[Deselect All](#)

IEEE JNL	IEEE Journal or Magazine
IEE JNL	IEE Journal or Magazine
IEEE CNF	IEEE Conference Proceeding
IEE CNF	IEE Conference Proceeding
IEEE STD	IEEE Standard

## \* Key

- ☐ 1. **Rapid transaction-undo recovery using twin-page storage management**  
 Wu, K.-L.; Fuchs, W.K.;  
[Software Engineering, IEEE Transactions on](#)  
 Volume 19, Issue 2, Feb. 1993 Page(s):155 - 164  
 Digital Object Identifier 10.1109/32.214832  
[AbstractPlus](#) | Full Text: [PDF](#)(968 KB) [IEEE JNL](#)  
[Rights and Permissions](#)
- ☐ 2. **Enriching Reverse Engineering with Semantic Clustering**  
 Kuhn, A.; Ducasse, S.; Girba, T.;  
[Reverse Engineering, 12th Working Conference on](#)  
 07-11 Nov. 2005 Page(s):133 - 142  
 Digital Object Identifier 10.1109/WCRE.2005.16  
[AbstractPlus](#) | Full Text: [PDF](#)(392 KB) [IEEE CNF](#)  
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## Enriching Reverse Engineering with Semantic Clustering

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University of Berne

This paper appears in: [Reverse Engineering, 12th Working Conference on](#)

Publication Date: 07-11 Nov. 2005

On page(s): 133 - 142

ISSN: 1095-1350

Digital Object Identifier: 10.1109/WCRE.2005.16

Posted online: 2006-01-03 13:50:21.0

## Abstract

Understanding a software system by just analyzing the structure of the system reveals only half of the picture, since the structure tells us only how the code is working but not what the code is about. What the code is about can be found in the semantics of the source code: names of **identifiers**, comments etc. In this paper, we analyze how these terms are spread over the source artifacts using Latent Semantic Indexing, an information retrieval technique. We use the assumption that parts of the system that use similar terms are related. We cluster artifacts that use similar terms, and we reveal the most relevant terms for the computed clusters. Our approach works at the level of the source code which makes it language independent. Nevertheless, we correlated the semantics with structural information and we applied it at different levels of abstraction (e.g. classes, methods). We applied our approach on three large case studies and we report the results we obtained.

## Index Terms

## Inspec

## Controlled Indexing

Not Available

## Non-controlled Indexing

[clustering](#) [concept location](#) [reverse engineering](#) [semantic analysis](#)

## Author Keywords

[clustering](#) [concept location](#) [reverse engineering](#) [semantic analysis](#)

## References

No references available on IEEE Xplore.

## Citing Documents

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